

INDUSTRIAL ROPE ACCESS

INCLUDES AUSTRALIAN ROPE ACCESS ASSOCIATION ASSESSMENT



WHAT IS ROPE ACCESS?

Rope Access is a technique which utilises ropes, harnesses and rope adjusting devices to gain access to normally inaccessible structures such as chimneys, towers, building facades, bridges and other industrial structures. Industrial Rope Access can generate considerable savings through rapid installation of systems, causing minimal disruption to other work and surroundings, and provides a safe solution to difficult and troublesome projects.

The Industrial Rope Access industry has an exemplary safety record that has derived from rigorous adherence to Australian and international standards and codes of practice. It is often a timely, cost effective and safe alternative to traditional access methods.

The following are some tasks that can be performed using rope access methods:

- Inspection and NDT
- Maintenance and repairs
- Painting, sealant and waterproof membrane application
- Geotechnical inspection and monitoring
- Electrical cabling installation

COURSE DESCRIPTION

The course is designed to enable workers that perform activities at heights to utilise modern industrial rope access techniques to efficiently perform their work. In order to ensure the health and safety of any persons working at height, the course provides participants with information on Workplace Health and Safety legislation and recognised industry practices and procedures. A necessary part of rope access is the ability for the work team to perform a rescue of a co-worker. Emergency response and rescue procedures are included in the programs.

The assessment is conducted by an independent ARAA assessor, being one that has not provided any of the training on the course. Successful participants of the courses will receive an ID card as proof of their qualification.

HOW TO BOOK A COURSE

Phone 07 4927 2722
Fax 07 4927 3233
Email training@haar.com.au



LEVEL 1 OPERATOR

BASIC OPERATOR

LEARNING OUTCOMES

- Knots and Hitches
 - * Figure 8/on bight/re-threaded
 - * Double Figure 8
 - * Figure 9 on bight
 - * Alpine Butterfly
 - * Double Fisherman's
- Rigging
 - * Y Hang/Superimposed Alpines
 - * Sling rigging (basket, choking & friction hitch)
 - * Carabiner Orientation
- Maneuvers
 - * Ascending (2 methods)
 - * Descending (2 methods)
 - * Changeovers (ascend/descend & vice versa)
 - * Passing knots mid rope
 - * Pass deviations (ascend & descend)
 - * Pass re-belay (ascend & descend)
 - * Working with a seat
 - * Edge negotiation
 - * Short rope transfer
 - * Long rope transfer
 - * Use backup systems
- Rescues
 - * Self Rescue (loaded safety)
 - * Rescue from descender
 - * Rescue from a cut main line (loaded safety)
 - * Suspension syndrome management
- Other Skills
 - * Inspect, care & maintain equipment
 - * Understand & implement fall protection

- Other Skills continued

- * Equipment fitting & pre use checks
- * Safe approach to rigging stations
- * Use of chair (swing seat)
- * Rope management & bagging
- * Set up public protection
- * Interpret JSA / SWMS / Risk Assessments
- * Control of hazards relating to tools
- * Maintain Communications
- * Carry out a pre work site inspection

PRE-REQUISITES

No experience required, however candidates are encouraged to provide a nationally accredited working at heights competency based training ticket.

SUPPLIED RESOURCES

All necessary rope access equipment will be supplied for the duration of the training. In addition participants will receive the latest versions of the ARAA codes of practice.

DURATION

5 Days - 4 training days and 1 theory and practical assessment day.

VALIDITY

Operator licenses only last for 3 years. To renew an operator license 2 day refresher training and 1 day reassessment is required.

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LEVEL 2

OPERATOR

ADVANCED OPERATOR & BASIC SITE SUPERVISOR

LEARNING OUTCOMES

In addition to Level 1 Operator skills and knowledge:

- Knots and Hitches
 - * Tape Knot
 - * Munter hitch
 - * Clove hitch
 - * 3W, Klemheist & French Prusik
- Rigging
 - * Wrap 3 Pull 2 anchor
 - * Retrievable Ropes (rig & retrieve)
 - * Deviations (install)
 - * Diversions (install)
 - * Operate lowering & hauling systems (simple & compound M.A.)
 - * Advanced rigging
- Maneuvers
 - * Loop traverse
 - * Aid climbing (vertical/horizontal/diagonal)
 - * Load management
 - * Tower climbing bypass lanyards
 - * Prusiking
- Rescues
 - * Rescue from ascent
 - * Rescue past knots (ascend & descend)
 - * Rescue past re-belay (ascend & descend)
 - * Rescue past diversion (ascend & descend)
 - * Dead headed ascenders
 - * Rescue from aid with point above available
 - * Rescue of remote casualty by lifting
 - * Take part in team rescue
- Other Skills
 - * First Aid qualification (minimum L2/Senior)
 - * Conduct roping activity briefings
 - * Create SWMS / work plans / procedures
 - * Supervision of personnel/equipment/materials
 - * Create a site specific rescue plan
 - * Store, care & maintain equipment
 - * Implement procedures on site
 - * Carry out a site risk assessment
 - * Manage access to work site
 - * Maintain exclusion zones
 - * Maintain communications
 - * Complete & maintain site records
 - * Interpret legal requirements

PRE-REQUISITES

- Current nationally accredited Working at heights
- Current nationally accredited Apply First Aid (Senior)
- 500 hours and 6 months of documented industrial rope access experience as a Level 1 Technician or equivalent.



SUPPLIED RESOURCES

All necessary rope access equipment will be supplied for the duration of the training. In addition participants will receive the latest versions of the ARAA codes of practice.

DURATION

5 Days - 4 training days and 1 theory and practical assessment day.

VALIDITY

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LEVEL 3 OPERATOR

ADVANCED SITE SUPERVISOR

LEARNING OUTCOMES

In addition to Level 1 & 2 Operator skills and knowledge:

- Knots and Hitches
 - * Bowline (Yosemite retrace or stopper backup)
 - * Bowline on bight
 - * Super Munter
 - * Directional Fo8
 - * High strength tie off
- Rigging
 - * Load Release Hitch (Hokey, Radium etc)
 - * Tramways (Tyrolean traverse)
 - * Advanced M.A. systems (complex)
 - * Using of rigging plates
 - * Jiggers such as Azteks
 - * Releasable anchors
- Maneuvers
 - * Lead climbing
- Rescues
 - * Rescue from loop traverse
 - * Rescue from aid
 - * Rescue from short hard link
 - * Breaking into loaded line (tensioned ropes)
 - * Keel haul
 - * Rescue load management - raise/lower
 - * Hanging haul/lower
 - * Rescue from horizontal rope systems
 - * Rescue team management
 - * Accident Management

- Other Skills

- * Create procedure for selection & inspection of equipment
- * Maintain records
- * Maintain accident & incident data
- * Thorough understanding of legal requirements
- * Review effectiveness of work methods
- * Create & operate rope access management systems

PRE-REQUISITES

- Current nationally accredited Working at heights
- Current nationally accredited Apply First Aid (Senior)
- 500 hours and 6 months of documented industrial rope access experience as a Level 2 Technician or equivalent.

SUPPLIED RESOURCES

All necessary rope access equipment will be supplied for the duration of the training. In addition participants will receive the latest versions of the ARAA codes of practice.

DURATION

5 Days - 4 training days and 1 theory and practical assessment day.

VALIDITY

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Trading as: